

Title (en)

Process and system for treating moving and stationary parts in uht sterilization plants

Title (de)

Verfahren und System zur Behandlung von sich bewegenden und stationären Teilen in UHT-Sterilisationsanlagen

Title (fr)

Procédé et système de traitement de pièces en mouvement et stationnaires dans des installations de stérilisation UHT

Publication

EP 2080527 A1 20090722 (EN)

Application

EP 08172639 A 20081222

Priority

IT PR20080005 A 20080121

Abstract (en)

A process for treating moving and/or stationary parts in UHT sterilization plants, which includes the steps of mixing an amount of ozone with water to sterilize it and introducing said mixture into the moving and/or stationary parts of UHT sterilization plants; the mixture so obtained retaining its sterilizing power by continuous supply of ozone, for the relevant moving or stationary parts through which it passes. The sterile sterilizing barrier is interposed between the external environment and the internal aseptic circuits of the UHT plant and the moving parts, such as homogenizer pistons, aseptic pumps, seals of centrifugal pumps and static aseptic seals.

IPC 8 full level

A61L 2/18 (2006.01)

CPC (source: EP)

A23C 7/02 (2013.01); **A61L 2/183** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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